



Joining Tables in ArcGIS 9.X

Joining tables allows you to append data from any number of .dbf tables to a layers table, like a parcel layer.

When the Join is finished the fields and data from the joined table will be added to the parcel layer attribute table or origin table.

You may want to join a table if you want to symbolize the features of a layer using data other than with the layers own attribute table.

The join is created using an Item from separate tables that have matching cell values, for example two tables with parcel ID numbers.

In this example I will join an external table to a parcel layer table.

Both tables have a field containing parcel ID numbers.

Notice that the Item names do not have to be identical.

Joins are best used when there is a one-to-one or a many-to-one relationship between these unique values.

To create a join first right-click on the parcel layer in the Table of Contents.

Hover over Joins and Relates and then select Join.

This will bring up the Join Data dialog.

The dialog allows you to fill out all the needed information to create a join.

In field 1 select the item from the Parcel Layer table that contains the parcel number, parcel_ID.

In field 2 select the table pcimag00.

In field 3 select the item from the external table that contains the correct version of the parcel number, II_Par14.

Select OK.

This completes the join.

Right-click on the parcel layer and select Open Attribute Table.

Notice all the additional fields from the external table.

Also, notice the naming convention of the fields.

This completes Creating a Join.

If your table relationship is one-to-many or many-to-many or you do not want the origin table to be appended watch the video “Creating a Relate”.